

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2003/001567

| A. CLASSIFICATION OF SUBJECT MATTER | | |
|---|---|--|
| Int. Cl. ⁷ : G01L 9/12, 19/04 | | |
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED | | |
| Minimum documentation searched (classification system followed by classification symbols) | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI, JAPIO: pressure, capacitor, equalise, membrane, chamber and similar terms USPTO: US Cl 73/708 and (73/718 or 73/724) | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | JP 7-306107 A (YAZAKI CORP) 21 November 1995 See machine translation from the Internet [2004-02-25] from URL: www4.ipdl.jpo.go.jp/cgi-bin/tran_web CGI_ejje, see paragraphs 24, 28, 51-58, figure 1 | 1-5 |
| X | US 4507972 A (MORITA) 2 April 1985 Column 4, lines 36-53, figures 1-9 | 1, 2, 5 |
| X | US 4357834 A (KIMURA) 9 November 1982 Column 2 lines 23-58, figure 1 | 1, 2, 5 |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex | | |
| <p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p> | | |
| Date of the actual completion of the international search 27 February 2004 | | Date of mailing of the international search report - 3 MAR 2004 |
| Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929 | | Authorized officer GREG POWELL Telephone No : (02) 6283 2308 |

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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|---|--|-----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | GB 2156998 A (HEWLETT-PACKARD COMPANY) 16 October 1985 Abstract, figures | |
| A | US 6578427 A (HEGNER) 17 June 2003 Abstract, figures (& EP 1061351 A) | |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2003/001567

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in Search Report | | | Patent Family Member | | | |
|--|----------|------|----------------------|----|---------|----------------|
| JP | 7-306107 | NONE | | | | |
| US | 4507972 | JP | 57-033334 | | | |
| US | 4357834 | NONE | | | | |
| GB | 2156998 | DE | 3510042 | FR | 2561514 | JP 60-203234 |
| | | US | 4572204 | | | |
| US | 6578427 | CA | 2311569 | EP | 1061351 | JP 2001-021430 |
| END OF ANNEX | | | | | | |